

## New records of *Stixis* Lour. (Capparaceae) from China

<sup>1</sup>CHEN Wen-Hong <sup>1</sup>SHUI Yu-Min <sup>2</sup>YANG Zhi-Guo <sup>1</sup>CHENG Xiao

( Kunming Institute of Botany , the Chinese Academy of Sciences , Kunming 650204 , China )

‡ Hekou Forestry Bureau , Forestry Department of Yunnan Province , Hekou 661300 , China )

**Abstract** Two taxa of *Stixis* Lour. , *S. ovata* ( Korth. ) Hall. f. ssp. *fasciculata* ( King ) Jacobs and *S. scandens* Lour. , are reported as new records from China.

**Key words** *Stixis ovata* ssp. *fasciculata* , *S. scandens* , Capparaceae , new record , China.

In the course of identifying species from the Dawei Mountain , Hekou County , SE Yunnan , China , two hitherto unrecorded taxa in China of the genus *Stixis* Lour. ( Capparaceae ) were found. They are reported as follows.

**1. *Stixis ovata*** ( Korth. ) Hall. f. ssp. ***fasciculata*** ( King ) Jacobs in Fl. Malaysia 1 : 97 , fig. 29 : 2a. 1960 , nom. nud. ; et in Blumea 12 : 8 , fig. 1 : c. 1963. — *Roydsia fasciculata* King in Ann. Bot. Gard. Calc. 5 : 121 , t. 140A. 1896. — *Stixis fasciculata* ( King ) Gagnep. in Lecomte , Fl. Gén. Indo-Chine 1 : 201. 1908. Type : Laos. Callatly 499 ( holotype , CAL ; isotype , DD ).

Climbing shrub 1.5 – 6 m tall. Branchlets terete , puberulent. Petioles ca. 2 cm long ; leaf blade elliptic , base obtuse , 9 – 15 × 5 – 8 cm , abaxially densely tomentose and tufted , especially so along primary and secondary veins , and blotched ; lateral veins 8 or 9 on each side of midrib. Inflorescences axillary , paniculate , 12 – 35 cm long , densely flowered , puberulent along rhaches ; pedicels ca. 2 – 3 mm long. Flower buds ovate ; sepals 6 , obovate , pilose , later reflexed ; stamens 26 – 28 ; ovary tomentose , subsessile ; style 1 mm long ; stigma obscurely 3-lobed. Flowering in May.

**China. SE Yunnan** : Hekou , Yaoshan , Geniao , Dawei Mt. , alt. 900 m , in shrubs , flowers white , 1997-04-05 , Z. G. Yang 008 ( KUN ) ; Jinping , Zhemi , Xilong Mt. , alt. 800 m , in secondary forests , 1999 , H. Y. Huai T-05 ( KUN ).

**Distribution** : Vietnam , Laos , Myanmar ; new to China.

**2. *Stixis scandens*** Lour. , Fl. Cochinch. 295. 1790 ; Pierre in Bull. Soc. Linn. Paris 1 : 656. 1887 ; Gagnep. in Lecomte , Fl. Gén. Indo-Chine 1 : 206. 1908 ; Pax & Hoffm. in Engl. u. Prantl , Nat. Pflanzenfam. , zwei Aufl. , 17b : 202. 1936 ; Jacobs in Blumea 12 : 10 , fig. 1 : g. 1963. Type : Laos , Poilane 10381 ( holotype , A ; isotypes , K , P ).

Scandent shrub 1.5 – 2.5 m tall. Branchlets terete , puberulent. Petioles ca. 1.5 cm long , pilose ; leaf blade obovate-elliptic , base obtuse , 10 – 13 × 4 – 6 cm , abaxially densely tomentose and tufted , especially so along primary and secondary veins ; midrib impressed adaxially , lateral

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\* Author for correspondence.

veins 6 – 10 on each side of midrib , connecting near the margin . Inflorescences terminal or rarely axillary , panicate or racemose , 5 – 9 cm long , puberulent along rhaches ; pedicels ca. 4 mm long . Flower buds obovate , base acute ; sepals 6 , obovate , pilose , later reflexed ; stamens 18 – 23 ; ovary tomentose , stalked ; style 0.5 mm long ; stigma obscure to distinct . Flowering in June .

**China. SE Yunnan :** Hekou , Yaoshan , Baiquanchong , Dawei Mt. , alt. 900 m , roadside , flowers white , 2000-04-05 , Y. M. Shui et al. 12443 ( KUN ) .

**Distribution :** Vietnam , Laos , N Myanmar , India ( Assam ) ; new to China .

*Stixis* Lour. is an endemic genus to Asia , distributed in Sikkim , Philippines , Malaysia , Vietnam , Laos and China , with its distribution center in Indo-China . This genus includes about seven species , one of which , *S. suaveolens* ( Roxb. ) Pierre , has been previously recorded in China . Together with the two taxa here reported , so far two species and one subspecies of this genus are known in China . They are keyed out as follows :

Key to the three taxa of the genus *Stixis* Lour. from China

1. Plants puberulent ; ovary tomentose .

2. Inflorescences 12 – 35 cm long , branched ; stamens ca. 30 ; style 1 mm long .....  
..... ***S. ovata*** ( Korth. ) Hall. f. ssp. ***fasciculata*** ( King ) Jacobs

2. Inflorescences 5 – 9 cm long , mostly unbranched ; stamens ca. 20 ; style 0.5 mm long .....  
..... ***S. scandens*** Lour.
1. Plants glabrous ; ovary glabrous ..... ***S. suaveolens*** ( Roxb. ) Pierre

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中国斑果藤属( 山柑科 )新记录

<sup>1</sup> 陈文红 <sup>1</sup> 税玉民 <sup>2</sup> 杨治国 <sup>1</sup> 成 晓\*

✉ 中国科学院昆明植物研究所 昆明 650204 )    ㉟ 云南省河口瑶族自治县林业局 云南河口 661300 )

**摘要** 报道了产滇东南斑果藤属的 2 个中国新记录 ,即锥序斑果藤 *Stixis ovata* ( Korth. ) Hall. f. ssp. *fasciculata* ( King ) Jacobs 和闭脉斑果藤 *S. scandens* Lour.。

**关键词** 锥序斑果藤 ; 闭脉斑果藤 ; 山柑科 ; 新记录 ; 中国